



USER'S MANUAL

Mixed Flow Inline Duct Fan

EME Silent



Please read this manual
carefully before use

www.EuroVentus.com

Maintenance



When maintaining and cleaning this product, please turn off the power switch first to ensure that the power is turned off to prevent accidental electric shock.



Never use chemicals to clean this product



Use a brush or vacuum cleaner to remove dust inside the body.



Do not allow motors or other electrical appliances to enter the water, and do not allow plastic parts to enter the water at a height of 60 degrees.

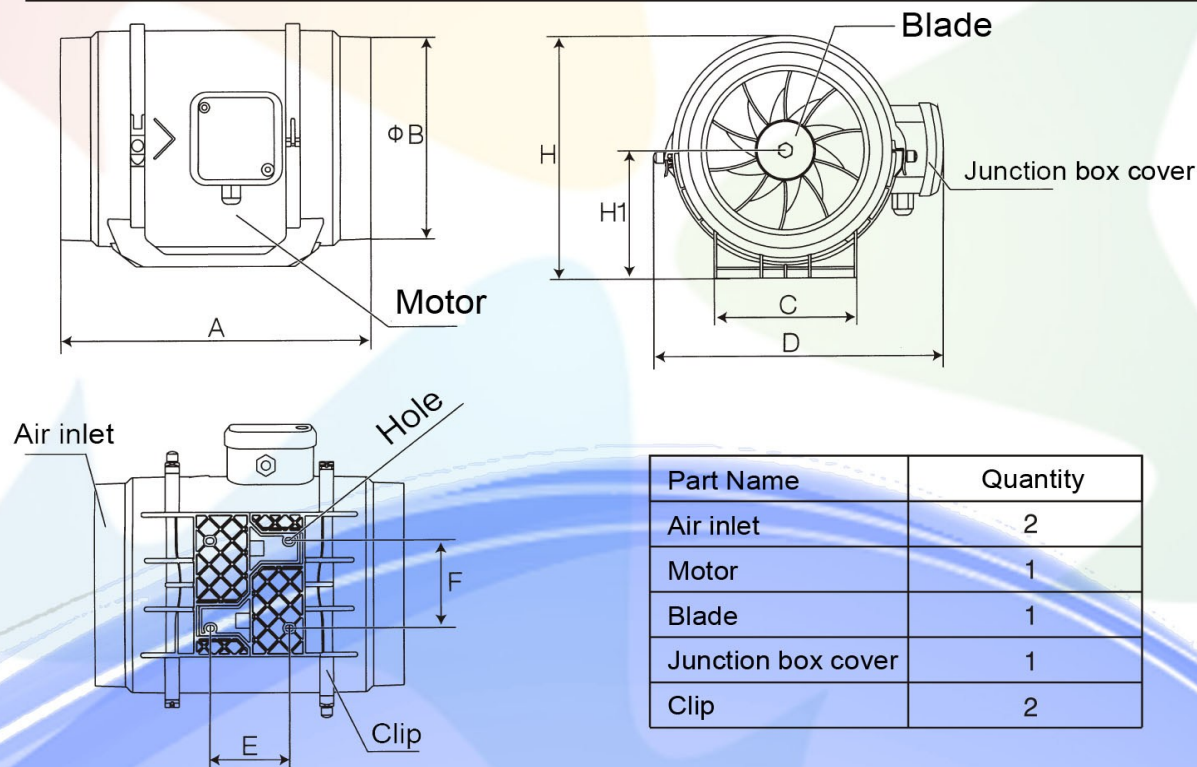
Note: If the power cord is damaged, in order to avoid danger, it must be replaced by a professional from the manufacturer, its maintenance department or similar department.

This product is not suitable for persons with disabilities, intellectual disabilities or mental disabilities, and those lacking experience and common sense (including children) for maintenance and use, unless they are used under the care or guidance of a guardian.

Product overview

Mixed flow inline duct fan, with low noise, high air volume and high static pressure, have the advantage of being more suitable for most ventilation applications than axial and centrifugal fans. In terms of design, the motor of the fan unit is easy to install, remove and clean. The motor and fan blade can be disassembled without removing the entire fan product or the duct, and the connection is convenient, which can be used for the maintenance of the closed space. In terms of installation, it can be installed at any end of the pipe and at any angle, and the fans can be installed in parallel to increase the air volume or in series to increase the pressure. It is widely used in hotels, department stores, entertainment places and residential buildings for ventilation.

Product parts name & size



Model	Product Size (Unit: mm)								
	A	φ B	C	D	E	F	G	H	H1
KC100	300	φ 100	100	214	62	60	7×5	182	95
KC125	300	φ 125	95	214	80	60	7×5	190	95
KC150	293	φ 150	120	237	72	70	7×5	211	110
KC200	304	φ 200	140	258	78	85	8×6	235	124
KC250	383	φ 250	180	298	119	92	11×8	291	152
KC315	413	φ 315	220	364	127	140	11×8	359	189

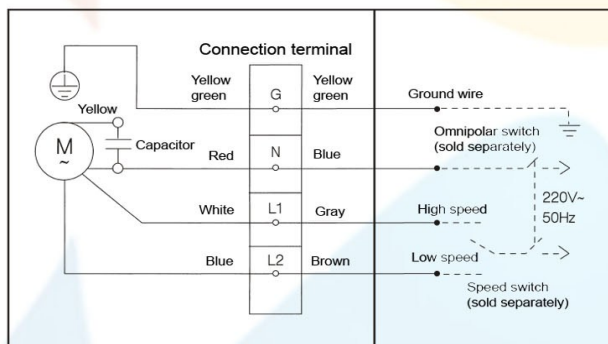
Note: If the design is changed, the data in the above table will be changed without prior notice.
The exact size is subject to the actual product.

Specification

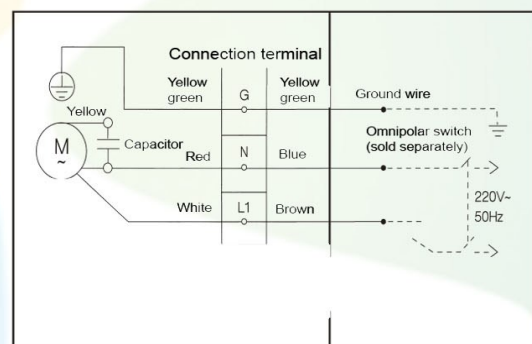
Model	Voltage	Airflow (m³/h)	Rated Power (W)	Static pressure (Pa)	Noise (dB)	Duct diameter ϕ(mm)	N.W. (kg)	Reference area (m²)
KC100	220V~50Hz	280/220	60	180/130	30/25	100/125	1.8	8-16
KC125	220V~50Hz	310/250	60	240/190	32/27	125	2	8-18
KC150	220V~50Hz	570/475	70	300/250	35/30	150/160	2.2	18-36
KC200	220V~50Hz	1000/830	110	350/280	50/45	200	3.1	34-76
KC250	220V~50Hz	1200/1600	130	550/400	60/54	250	7.0	42-84
KC315	220V~50Hz	2100/2500	230	700/500	66/61	315	9.7	60-120

Note: The performance value is the center value of the company's test results. The applicable area is calculated according to the number of necessary air changes per hour in the general living room of 5-10 times

Circuit drawing



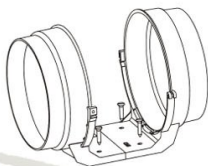
Note: Parallel connection of L1 and L2 is prohibited.



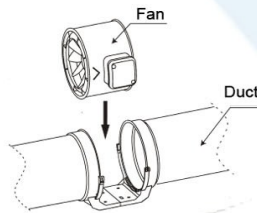
Installation

Fan body installation

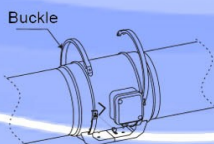
1. Fix the base with screws



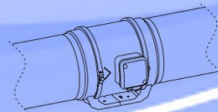
2. Connect the air duct and install the fan unit on the base



3. Fasten the buckle and fix the buckle with the screw by hand

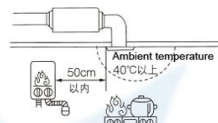


4. Connect the power cord and turn on the power switch to confirm that the operation is not abnormal, and the installation is completed.

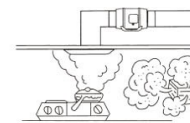


Installation Precautions

● Forbidden to install in high temperature places



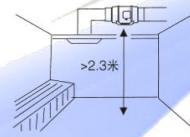
● Avoid installing in places with too much oil smoke or steam



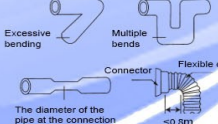
● Please set up ventilation and inspection ports



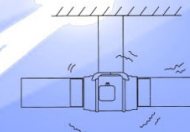
● Installation height above 2.3 meters



● Pipe connections are prohibited in the following situations



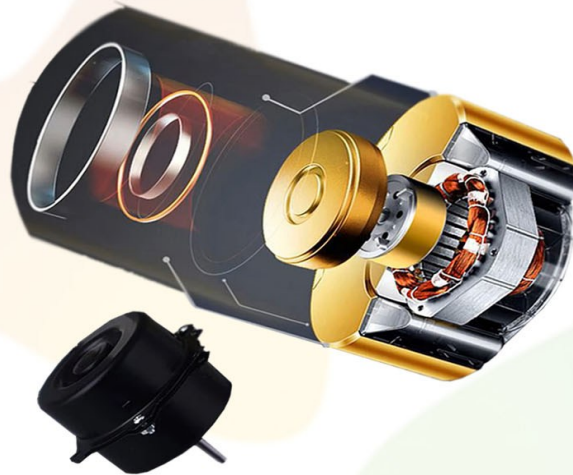
● Must install tightly.



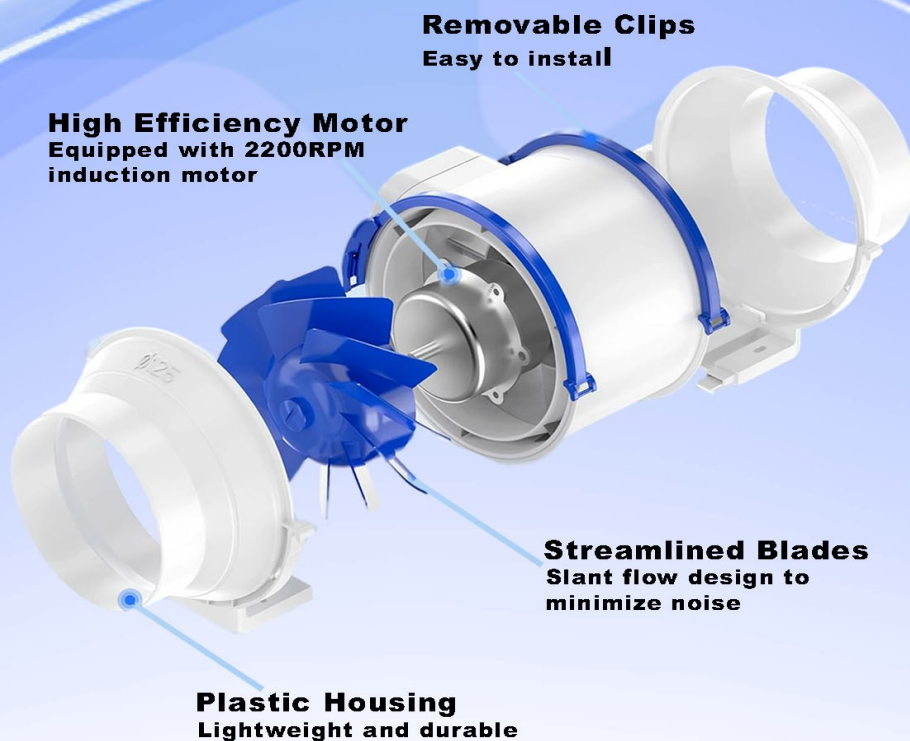
Notice

- Do not directly spray or clean the product with water or other liquids, otherwise it may cause short circuit or electric shock.
- It is forbidden to install the product outdoors, otherwise it may cause malfunction.
- When connecting with the power supply line, an omnipolar power switch with a contact distance of >3mm must be installed on the power supply line, and the connection should be made according to the local electrical equipment technical regulations.
- Backflow of gas into the room from open air passages or other open flame equipment must be avoided.
- There must be a grounding device, otherwise, in the event of a fault or leakage, electric shock may occur.

**Full Copper Outer Rotor
Low Temperature Rise
And Fast Speed**



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High Power, High Speed
Stable Operation
Long Service Life**



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